



NATIONAL SCIENCE FOUNDATION  
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ARLINGTON, VIRGINIA 22230

CMMI 16-001

**Dear Colleague Letter: Division of Civil, Mechanical and Manufacturing Innovations (CMMI) Manufacturing and Equipment Program - Employment Opportunity for Program Director Position (Open Until Filled)**

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October 5, 2015

Dear Colleague:

The Division of Civil, Mechanical, and Manufacturing Innovation, within the Directorate for Engineering at the National Science Foundation (NSF), announces a nationwide search to fill the Program Director position for the Manufacturing Machines and Equipment (MME) Program.

Formal consideration of interested applications will begin November 1, 2015 and will continue until a selection is made.

Program Directors have an unparalleled opportunity and responsibility to ensure NSF-funded research is at the forefront of advancing fundamental knowledge. In support of that, Program Directors are responsible for extensive interaction with academic research communities and industry, as well as interaction with other Federal agencies that may lead to development of interagency collaborations. Within this context, Program Directors solicit, receive and review research and education proposals, make funding recommendations, administer awards, and undertake interaction with research communities in these fields. They are also responsible for service to Foundation-wide activities and initiatives that together accomplish NSF's strategic goals to: 1) Transform the Frontiers of Science and Engineering, 2) Stimulate Innovation and Address Societal Needs through Research and Education, and 3) Excel as a Federal Science Agency. The position requires a commitment to high standards of intellectualism and ethical conduct, a considerable breadth of interest, receptivity to new ideas, a strong sense of fairness, good judgment, and a high degree of personal integrity.

The MME program supports fundamental research that enables the development of new and/or improved manufacturing machines and equipment, and optimization of their use, with a particular focus on equipment appropriate for the manufacture of mechanical and electromechanical devices, products, and systems featuring scales from microns to meters. The program covers a wide range of manufacturing operations, including both subtractive and additive processes, forming bonding/joining and laser processing.

Persons wishing to apply for this position are referred to the MME program web page at [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13346](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13346) for descriptions of the programs. These persons are also encouraged to contact the current Program Director, who is identified on the program web pages, for more information.

Requirements of the position include a Ph.D. degree in an appropriate field plus, after award of the Ph.D., at least six years of successful research, research administration, and/or managerial experience

pertinent to the position. The position requires effective oral and written communication skills, and familiarity with NSF programs and activities is highly desirable. The incumbent is expected to function effectively as a member of crosscutting and interactive teams. The incumbent must also demonstrate a capability to work across government agencies to promote NSF activities and to leverage program funds through interagency collaborations.

The Program Director position recruited under this announcement may be filled under one of the following appointment options:

**Intergovernmental Personnel Act (IPA) Appointment:** Individuals eligible for an IPA assignment with a Federal agency include employees of state and local government agencies or institutions of higher education, Indian tribal governments, and other eligible organizations in instances where such assignments would be of mutual benefit to the organizations involved. Initial assignments under IPA provisions may be made for a period up to two years, with a possible extension for up to an additional two-year period. The individual remains an employee of the home institution and NSF provides the negotiated funding toward the assignee's salary and benefits. Initial IPA assignments are made for a one-year period and may be extended by mutual agreement. IPA appointments are not convertible to permanent appointments. For additional information regarding IPA positions, please visit the NSF website at: [http://www.nsf.gov/about/career\\_opps/rotators/ipa.jsp](http://www.nsf.gov/about/career_opps/rotators/ipa.jsp).

**Visiting Scientist, Engineer or Educator (VSEE) Appointment:** Visiting Scientist Appointment: Appointment to this position will be made under the Excepted Authority of the NSF Act. Visiting Scientists are on non-paid leave status from their home institutions and placed on the NSF payroll. NSF withholds Social Security taxes and pays the home institution's contributions to maintain retirement and fringe benefits (i.e., health benefits and life insurance), either directly to the home institutions or to the carrier. Appointments are usually made for a one-year period and may be extended for an additional year by mutual agreement. Visiting Scientist appointments may be convertible to permanent appointments. See <http://www.nsf.gov/careers/rotator/vsee.jsp> for additional information.

**Temporary Excepted Service Appointment:** Appointment to this position will be made under the Excepted Authority of the NSF Act. Candidates who do not have civil service or reinstatement eligibility will not obtain civil service status if selected. Candidates currently in the competitive service will be required to waive competitive civil service rights if selected. Usual civil service benefits (retirement, health benefits, and life insurance) are applicable for appointments of more than one year. Temporary appointments may not exceed three years. Temporary Excepted Service appointments may be convertible to permanent appointments.

For additional information on NSF's rotational programs, please see "Programs for Scientists, Engineers, and Educators" on the NSF website at [http://www.nsf.gov/about/career\\_opps/rotators/](http://www.nsf.gov/about/career_opps/rotators/) and <http://www.nsf.gov/careers/rotator/microsite/>.

Applications will be accepted from US Citizens. Recent changes in Federal Appropriations Law require Non-Citizens to meet certain eligibility criteria to be considered. Therefore, Non-Citizens must certify eligibility by signing and attaching this [Citizenship Affidavit](#) to their application. Non-citizens who do not provide the affidavit at the time of application will be considered for IPA only. We also ask that you complete and submit the [Applicant Survey Form](#). This will help NSF to ensure that our recruiting efforts are attracting a diverse candidate pool; it will be used for statistical purposes only.

Applicants should indicate in their cover letter that they are applying to the MME program. Should you or your colleagues be interested in this position, please email a current CV accompanied by your cover

letter highlighting the background that specifically relates to the program objectives to:

CMMI Program Director Search Committee  
Dr. George A. Hazelrigg  
Division of Civil, Mechanical and Manufacturing Innovation  
Directorate for Engineering  
National Science Foundation  
Arlington, VA 22230  
Email: [ghazelri@nsf.gov](mailto:ghazelri@nsf.gov)

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QUALIFIED STAFF THAT REFLECTS THE DIVERSITY OF OUR NATION.**